

Call: H2020-EeB-4-2014



AMANAC
**ADVANCED MATERIAL &
NANOTECHNOLOGICAL CLUSTER**
And
Coordination Support Action (CSA)

<http://www.amanac.eu/>





Contents

- ***Who are we:*** What is AMANAC - Aim and scope of AMANAC - How is it linked to the AMANAC-CSA?
- ***How and What:*** Planned actions in the frame of AMANAC
- ***Benefits*** from participating in AMANAC
- ***Expectations*** from AMANAC participating projects



AMANAC and AMANAC-CSA

- **AMANAC** is the cluster of all projects developing advanced materials and nanotechnologies for energy efficiency in buildings and funded under FP7 or H2020.
- **AMANAC-CSA** is an action aiming to coordinate and promote that activities of AMANAC.

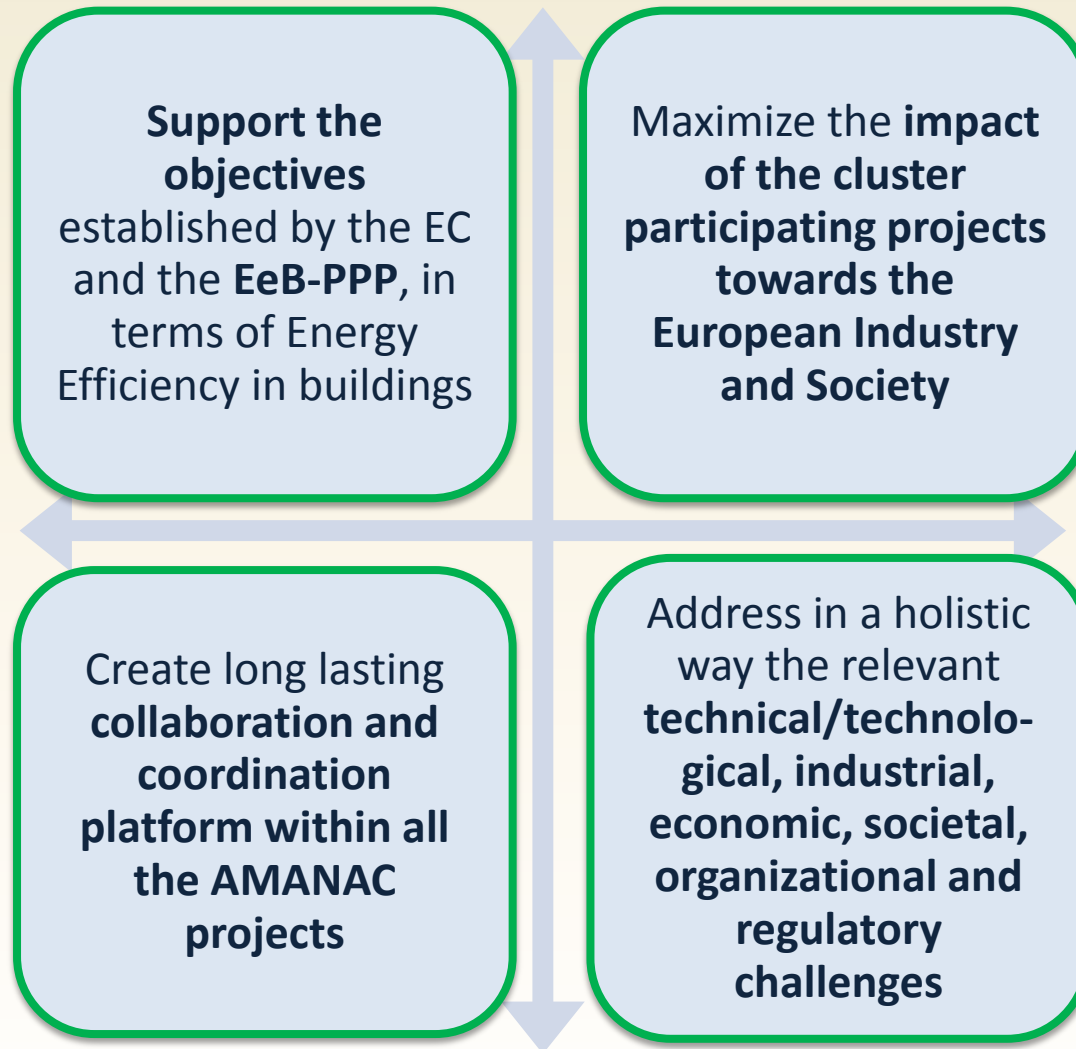


AMANAC Motivation

- Increase visibility of the Materials domain.
- Develop market driven efforts to bridge the existing “valley of death” between the knowledge-based science and the successful commercialization of advanced materials and products.

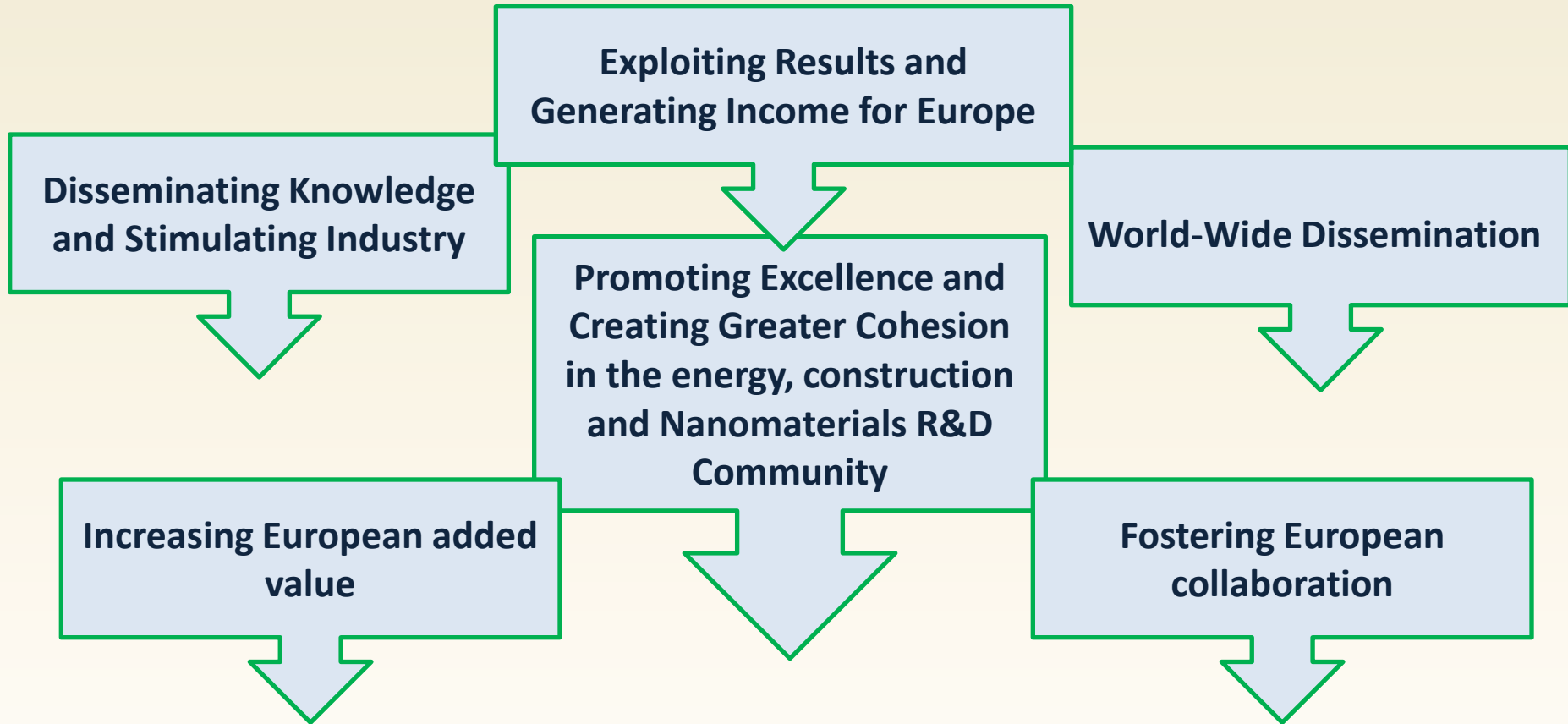


AMANAC Aim





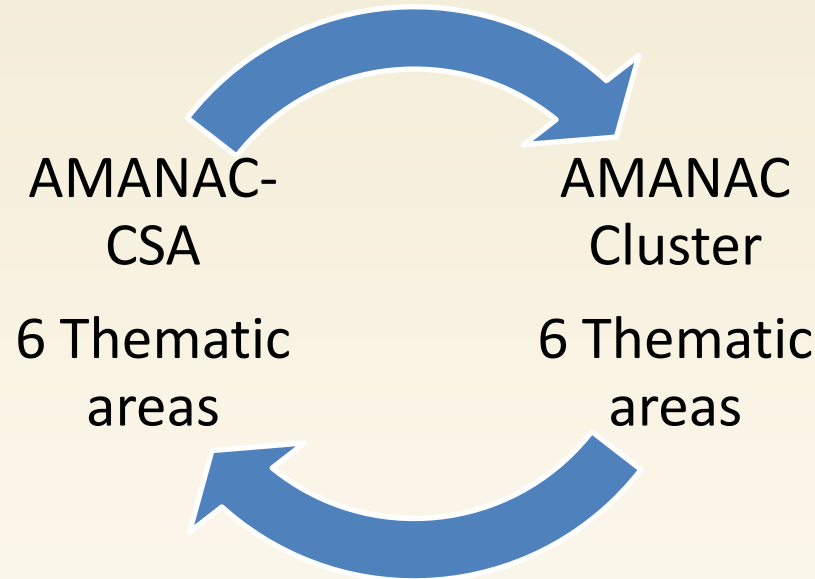
Impact



EXPECTED IMPACT



Flow of Information



- Communication with project partners, through website and good coordination strategy
- Project partners approached via the Thematic Areas;
- Project coordinators and partners participate in Thematic Area activities
- Thematic Area leaders represent corresponding projects .



AMANAC participating projects

- AMANAC was initiated in April 2014, representing 28 FP7 projects, grouped in six **Thematic Areas**
- **Thematic Areas** are re-defined when projects finish and when new H2020 projects enter the Cluster, covering new topics.
- AMANAC currently represents **255 project partners**, out of which 63% are Large Enterprises or SMEs.



AMANAC-CSA partners

- 9 beneficiaries (2 SMEs, 4 Research Org., 3 Universities)

Greece



Poland



Italy



England



Germany



Fraunhofer



UNIVERSITÄT
BAYREUTH

Spain



Sweden



- Starting date: 01.01.2015
- Duration: 24 months



THEMATIC AREAS

Thematic Area Leader (and representative in the CSA)	Thematic Area
TECNALIA	High performance insulation materials, systems & Nanotechnologies for HVAC systems
CETMA	Materials with reduced embodied energy
UBT	Novel materials for smart windows
NTUA	Nanotechnologies for multifunctional lightweight construction materials and components
UBAH	Technologies and materials for a healthier indoor environment
NTUA (tentative)	Pilot Production



Projects in AMANAC

- **AMANAC-CSA is open to all AMANAC projects**
- Every current or future project will be assigned to its closest “Thematic Area”.
- All projects can be involved in Thematic Areas, Committees and Advisory Boards
- Each project will contribute to the development of the CSA Joint Action Plan and the Action Plan of its thematic area.
- All projects will have access to the AMANAC committees, to training events, to communication and dissemination activities, to the project Wiki, web exchange platform etc.



Projects in AMANAC

- New projects can be informed on common activities, workshops, conferences etc. through the website and could contact the coordinator of the thematic area that their project would like to get informed with more news.
- Finalized projects will be kept on board through the wi-ki (new technologies, methodologies). They could remain on stakeholder list and be involved as member of the Industrial Advisory Board.
- The final presentation of all projects to be uploaded on website.



AMANAC Thematic Areas

Each thematic Area:

- Develops its own “Action Plan”, which is regularly updated.
- Develops databases with new/vital information that can be shared among projects
- Organizes events (e.g. workshops, stakeholders meetings)
- Participates in intern. and EU events via the thematic area leader.



AMANAC-CSA Committees

- **AMANAC-CSA management:** Steering Committee, **Cluster Advisory Board** (Experts from AMANAC projects)
- **Participating Project Clustering:** **Joint Action Plan Committee** and six Thematic Working groups, one for each of the six **Thematic Areas**
- **Exploitation:** **Industrial Advisory Board, LCA/LCC committee, Standardisation committee**



Planned Activities -1

- AMANAC-CSA starting date: 1 Jan 2015

Type of Dissemination activity	Item	Estimated date	Short name of lead beneficiary
Web-page	1	M5	NTUA
Wi-ki	1	M5	UBAH
E-newsletters	4	One every 6 months e.g.: M5, M12, M18, M23	FASADA
Poster	1	M7	FASADA
Leaflet/Brochure	1	M12	FASADA
Thematic workshops	6	Three in the first year and three in the second year: M4, M8, M12, M16, M20, M24	Each Thematic Area leader
Training event on IPR/standardization	1	M11	FhG-ICT
Training event on nanosafety	1	M18	TEC
Open Info Day	2	M12, M22	FhG-ICT
Fairs	4	Two per year	TWI
E2B events/ ECTP	2	One per year	TWI
Video	1	M24	CBI



Planned Activities that require interactions with projects

- Joint Action Plan (TEC, M3)
- Planning of large scale events for 2016 – Joint forces to increase impact and reduce costs (TWI)
- Organization of “open days” for 2015-2016 (FhG-ICT)
- Committee on requirements for product standardization (TWI, M6)
- Life Cycle Assessment and Life Cycle Costing committee; Database in Wiki (NTUA, M17)
- Database on nanosafety aspects (UBAH, M23)
- Inventory of available and reusable demo buildings (FhG-ICT, M23)
- Inventory of pilot production lines (NTUA, M23)



Benefits for participating projects

- Increased visibility of project results & achievements – Continuation after project end
- New collaborations; cross project joint publications
- Harmonized approaches in key issues (LCA/LCC, safety, standardization)
- Access to AMANAC databases
- Access to the AMANAC committees
- Access to training events and related material
- Access to the AMANAC WiKi, web exchange platform etc.



Expectations from participating projects

- Provide information on achievements, event organization etc.
- Populate AMANAC web site and wi-ki
- Provide expert contacts for standardization and LCA/LCC committees
- Participate in events
- Each Thematic Areas: Updated Action Plan; Poster; Leaflet



AMANAC Website

The AMANAC website is active under the link: <http://www.amanac.eu/>



AMANAC contact

**For more information,
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